

Title (en)
CLASSIFYING DEVICE FOR CLASSIFYING A GRANULAR MATERIAL FLOW

Title (de)
SICHTEINRICHTUNG ZUM SICHTEN EINES KÖRNIGEN MATERIALSTROMS

Title (fr)
DISPOSITIF DE TRI DESTINÉ À TRIER UN FLUX DE MATÉRIAUX GRANULAIRES

Publication
EP 3209435 B1 20210825 (DE)

Application
EP 15780822 A 20151012

Priority
• DE 102014015550 A 20141022
• EP 2015073565 W 20151012

Abstract (en)
[origin: WO2016062571A1] The invention relates to a classifying device (10) for classifying a granular material flow, having a first inlet (14) for letting a first material flow into the classifying device (10), a second inlet (12) for letting a second material flow into the classifying device (10), a static classifier (20), and a dynamic classifier (22), said static classifier (20) being arranged so as to at least partly surround the dynamic classifier (22). The classifying device (10) has a distributing device (42; 52; 54) which is designed to feed the material flow of the first inlet (14) to the static classifier (20) and the material flow of the second inlet (12) to the dynamic classifier (22).

IPC 8 full level
B07B 4/02 (2006.01); **B02C 23/08** (2006.01); **B07B 9/02** (2006.01); **B07B 11/06** (2006.01)

CPC (source: CN EP US)
B02C 23/14 (2013.01 - EP US); **B07B 1/22** (2013.01 - US); **B07B 4/02** (2013.01 - CN EP US); **B07B 7/083** (2013.01 - US);
B07B 9/02 (2013.01 - CN EP US); **B07B 11/06** (2013.01 - CN EP US); **B07B 7/086** (2013.01 - CN EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102014015550 A1 20160428; CN 107107119 A 20170829; CN 107107119 B 20200414; DK 3209435 T3 20211115;
EP 3209435 A1 20170830; EP 3209435 B1 20210825; US 10632503 B2 20200428; US 2017304869 A1 20171026;
WO 2016062571 A1 20160428

DOCDB simple family (application)
DE 102014015550 A 20141022; CN 201580057881 A 20151012; DK 15780822 T 20151012; EP 15780822 A 20151012;
EP 2015073565 W 20151012; US 201515521377 A 20151012